

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 7981-3 (1976): Instruments, Tuboplasty, Part III: Guide, Shirodkar's Pattern [MHD 3: Obstetric and Gynaecological Instruments and Appliances]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard

# SPECIFICATION FOR INSTRUMENTS, TUBOPLASTY

## PART III GUIDE, SHIRODKAR'S PATTERN

**1. Scope** — Covers dimensional and other requirements for Shirodkar's pattern guide used for tuboplasty in obstetrics.

**2. Shape and Dimensions** — As shown in Fig. 1.

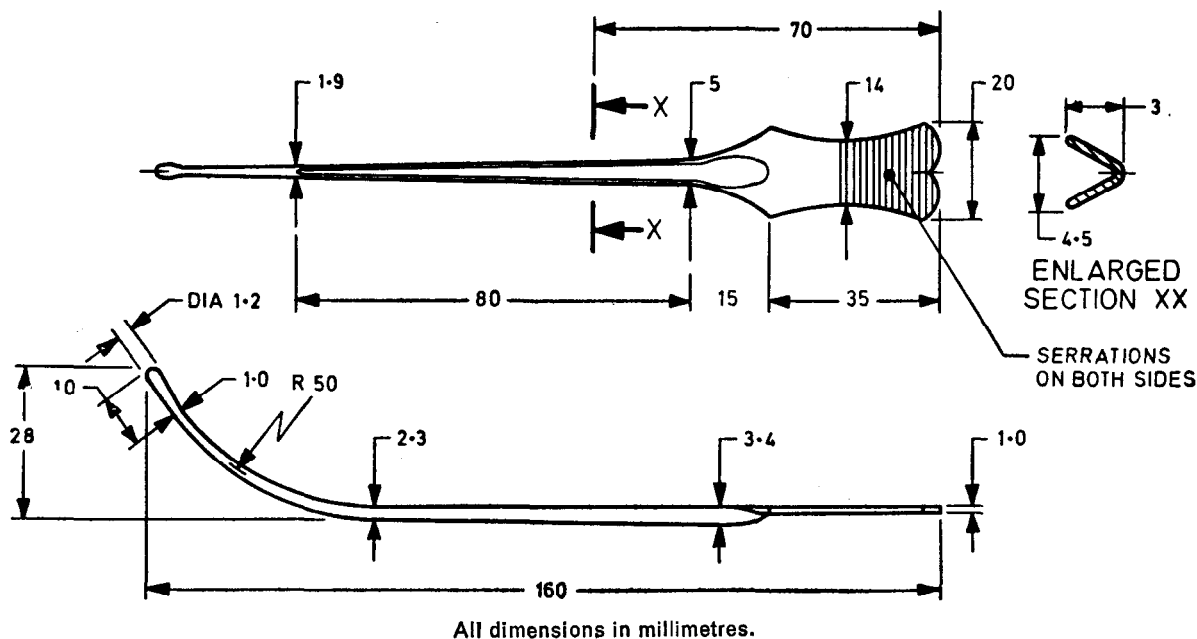


FIG. 1 GUIDE, SHIRODKAR'S PATTERN

**2.1** A deviation of  $\pm 2.5$  percent shall be allowed on all dimensions.

**3. Material** — Shall be of stainless steel of Designation 20Cr13 or 30Cr13 of IS:6603-1972 'Specification for stainless steel bars and flats'.

### 4. Workmanship and Finish

**4.1** The guide shall be free from scales, burrs, pits and other defects.

**4.2** The edges of the guide shall be even, free from pits, rounded and nowhere sharp.

**4.3** The tip of the working end shall be bulbous.

**4.4** The guide shall be polished bright and passivated.

**5. Heat Treatment** — The guide shall be hardened and tempered to give a hardness of 380 to 450 HV.

### 6. Tests

**6.1 Flexibility Test** — Taking the proximal end of the guide between the fingers and thumb of one hand, the distal end with groove inwards shall be gradually bent with the other hand, so that, on completion of the process, the tip shall be at a distance of approximately 30 mm from the base line formed by the apex of the groove of the guide. The guide shall then be straightened. The process of bending and straightening shall be repeated six times. During or on completion of the test the guide shall not break or split.

## **IS : 7981 ( Part III ) - 1976**

**6.2 Corrosion Resistance Test** — The guide shall satisfy the boiling and autoclaving test as specified in IS : 7531-1975 ' Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments '.

**7. Marking** — The instrument shall be marked with the following information:

- a) Manufacturer's name, initials or recognized trade-mark; and
- b) The words ' Stainless Steel '.

**7.1 ISI Certification Marking** — Details available with the Indian Standards Institution.

**8. Packing** — The guide shall be wrapped in moisture-proof paper or packed in polyethylene bags. The guide shall then be packed in individual cartons avoiding contact with one another.